

IN THE CLAIMS:

Please AMEND claims 1, 11, 14, 23, 29, 30, 31, and 33 in accordance with the following:

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1. **(currently amended)** An optical recording medium comprising:
a wobbled track on which user data is recorded; and
a header area in which first through N header information are recorded as a multi-modulated signal, wherein:
the first through N header information modulated according to first through N types of modulation, respectively, overlap one another in at least some intervals of the multi-modulated signal.
 2. **(previously presented)** The optical recording medium of claim 1, wherein N is 2.
 3. **(original)** The optical recording medium of claim 2, wherein the first type of modulation is one of phase modulation, frequency modulation, and amplitude modulation, and the second type of modulation is one of the remaining two types of modulation not provided in the first type of modulation.
 4. **(previously presented)** The optical recording medium of claim 1, wherein N is 3.
 5. **(previously presented)** The optical recording medium of claim 4, wherein the first type of modulation is one of phase modulation, frequency modulation, and amplitude modulation, the second type of modulation is one of the remaining two types of modulation not provided by the first type modulation, and the third type of modulation is the last type of modulation not provided by the first and second types of modulation.
 6. **(cancelled)**
 7. **(original)** The optical recording medium of claim 1, wherein the header area further comprises a header flag region including a flag signal to indicate a beginning of the header area positioned between adjacent wobbled tracks.
 8. **(previously presented)** The optical recording medium of claim 7, wherein the flag signal comprises a direct current signal recorded in the header flag region.